

ABSTRACT OF THE DISCLOSURE

A semiconductor integrated circuit for processing a plurality of received broadcast signals, such as GPS signals, is operable in two modes: acquisition and tracking. In an acquisition mode, a separate acquisition engine is used which includes a sample reducer for combining samples of a received signal for correlation with a locally generated version of a GPS code. A serial to parallel converter converts the reduced samples to parallel words which are correlated in parallel with locally generated words of the GPS code.

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